

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5589775").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/15 14:40
L3	1	("5913820").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/15 16:39

## EAST Search History

S1	49	US-4567763-\$.DID. OR US-4907974-\$.DID. OR US-5214413-\$.DID. OR US-4342173-\$.DID. OR US-4912962-\$.DID. OR US-4432027-\$.DID. OR US-5364518-\$.DID. OR US-5463452-\$.DID. OR US-6377149-\$.DID. OR US-4848002-\$.DID. OR US-4941389-\$.DID. OR US-6055857-\$.DID. OR US-6067867-\$.DID. OR US-6144548-\$.DID. OR US-4417172-\$.DID. OR US-4434801-\$.DID. OR US-4499433-\$.DID. OR US-4621628-\$.DID. OR US-4944410-\$.DID. OR US-5310392-\$.DID. OR US-5324242-\$.DID. OR US-6190049-\$.DID. OR US-3609376-\$.DID. OR US-4028492-\$.DID. OR US-4246792-\$.DID. OR US-4277657-\$.DID. OR US-4313086-\$.DID. OR US-4315152-\$.DID. OR US-4329775-\$.DID. OR US-4332436-\$.DID. OR US-4340861-\$.DID. OR US-4358270-\$.DID. OR US-4378212-\$.DID. OR US-4381609-\$.DID. OR US-4392027-\$.DID. OR US-4407157-\$.DID. OR US-4412771-\$.DID. OR US-4430512-\$.DID. OR US-4432441-\$.DID. OR US-4433691-\$.DID. OR US-4465974-\$.DID. OR US-4470314-\$.DID. OR US-4499753-\$.DID. OR US-4513625-\$.DID. OR US-4517852-\$.DID. OR US-4540941-\$.DID. OR US-4546315-\$.DID. OR US-4546314-\$.DID. OR US-4580347-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/01 15:58
S2	4	(("5152288") or ("6082366") or ("6168780") or ("5265611")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/01 15:12

## EAST Search History

S8	1451560	magnet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/01 16:20
S9	4708	S8 adj moment and axis and rotat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/01 16:22
S10	3219	S9 and perpendicular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/01 16:22
S11	1125	S10 and independent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/01 16:23
S17	615	S11 and @PD>="20020609"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/01 16:52
S18	6	(US-5364518-\$ or US-6377149-\$ or US-3609376-\$ or US-4378212-\$ or US-4407157-\$ or US-4546314-\$). did.	USPAT	OR	ON	2007/03/13 11:07
S19	79	("1824509"   "2051718"   "2286820"   "2550775"   "2569468"   "2640271"   "2992390"   "3051892"   "3059156"   "3065407"   "3363148"   "3417325"   "3511077"   "3940689"   "3977468"   "4205266"   "4221652"   "4265729"   "4292588"   "4892633"   "4943361"   "5047131"   "5069772"   "5174880"   "5252178").PN. OR ("3609376"   "4378212"   "4407157"   "4546314"   "5364518"   "6377149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/13 11:45
S23	5	US-5836869-\$.DID. OR US-6248074-\$.DID. OR US-5589775-\$.DID. OR EP-1181891-\$.DID. OR DE-19632273-\$.DID. OR EP-0581434-\$.DID. OR US-5353798-\$.DID.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/13 11:53

## EAST Search History

S25	367	600/409	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/13 12:32
S26	1268	324/244	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/13 11:54
S28	232	( "3406766"   "3542014"   "3589454"   "3731752"   "3779234"   "3789841"   "3827115"   "3938502"   "4072200"   "4323848"   "4372398"   "4443762"   "4494549"   "4502010"   "4517985"   "4529939"   "4545390"   "4582061"   "4587971"   "4587972"   "4588294"   "4601284"   "4615330"   "4664121"   "4671292"   "4692864"   "4700142"   "4710708"   "4729384"   "4732156"   "4791373"   "4794931"   "4802487"   "4815470"   "4821731"   "4834102"   "4841977"   "4845434"   "4880009"   "4887605"   "4887606"   "4899757"   "4911170"   "4911172"   "4911173"   "4917097"   "4928699"   "4933640"   "4944740"   "4947852"   "4951677"   "4957112"   "4977898"   "5000185"   "5010886"   "5014008"   "5020539"   "5022399"   "5029588"   "5049130"   "5049988"   "5052404"   "5054492"   "5059851"   "5074365"   "5095911"   "5099850"   "5105818"   "5108411"   "5115810"   "5115814"   "5117831"   "5151658"   "5199437"   "5218301"   "5279309"   "5313306"   "5353354"   "5398691"   "5402801"   "5506912"   "5547455"   "5572999"   "5997473").PN. OR ("5353798"   "5589775"   "5836869"   "6248074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/13 17:30
S29	1457545	magnet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/13 17:31

## EAST Search History

S30	4723	S29 adj moment and axis and rotat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/13 17:31
S31	3229	S30 and perpendicular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/13 17:31
S32	3229	(perpendicular or right and angle) and S29 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/13 17:31
S33	91	("2199367"   "2521745"   "2524360"   "2599687"   "2656505"   "2723374"   "3100350"   "3256480"   "3282355"   "3285350"   "3305771"   "3369174"   "3406766"   "3479581"   "3488574"   "3697864"   "3701007"   "3712391"   "3722605"   "3725777"   "3731752"   "3745446"   "3778701"   "3907045"   "3984758"   "4016942"   "4021774"   "4072200"   "4163324"   "4323848"   "4361192"   "4372398"   "4443762"   "4502010"   "4510696"   "4529939"   "4700142").PN. OR ("4791373").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/13 18:02
S34	1145	600/424	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/13 18:05
S35	65	S34 and time-varying	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/13 18:06
S36	18	("4572198"   "5218964"   "5488950").PN. OR ("5882304"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/13 18:08
S37	11	("20020052546"   "5253647"   "5398691"   "5876345"   "5924989"   "6148095"   "6175757"   "6203493"   "6216027"   "6248074").PN. OR ("6755791"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 12:04

## EAST Search History

S38	10	("4802487"   "5199437"   "5353354"   "5398691"   "5997473").PN. OR ("6248074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 12:19
S39	67	("4543960"   "4546777"   "4762002"   "4849692"   "4930515"   "4945305"   "4967752"   "5105819"   "5127409"   "5131397"   "5191890"   "5215092"   "5295486").PN. OR ("5398691").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 12:28
S40	1	("5391199").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/03/14 12:29
S41	367	600/409	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/14 12:30
S42	1268	324/244	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/14 12:30
S43	1145	600/424	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/03/14 12:30
S44	31	rotat\$4 adj magnet and (S42 or S43 or S41)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/03/14 12:30
S45	16	("3358676"   "4727857"   "4862128"   "5387176"   "5437600"   "5441495"   "5463263"   "5589065"   "5632720"   "6001055"   "6137194"   "6212419"   "6263230"   "6320488").PN. OR ("6537196").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:13

## EAST Search History

S46	59	("3649908"   "3757773"   "3847157"   "4063561"   "4244362"   "4249536"   "4317078"   "4402310"   "4608992"   "4619247"   "4622644"   "4671287"   "4788975"   "4790809"   "4809713"   "4913139"   "4943770"   "5005592"   "5042486"   "5099845"   "5134370"   "5222501"   "5257636"   "5325873"   "5377678"   "5381095"   "5425367"   "5425382"   "5429132"   "5456718"   "5524086"   "5526812"   "5558091"   "5568809"   "5622169"   "5624430"   "5645065"   "5731996"   "5738096"   "5752513"   "5762064"   "5769843"   "5845646"   "5879297"   "5902238"   "5913820"   "5944023"   "6052610").PN. OR ("6263230"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:26
S47	1	magnet and rotat\$4 and time and (dependent or vary) and position and axis and (roll adj angle) and (S37 or S38 or S39 or S41 or S42 or S43 or S44 or S45 or S46)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:30
S48	1	magnet and rotat\$4 and time and (dependent or vary) and (posit\$4 or orienta\$4) and axis and (roll adj angle) and (S37 or S38 or S39 or S41 or S42 or S43 or S44 or S45 or S46)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:31
S49	79	("1824509"   "2051718"   "2286820"   "2550775"   "2569468"   "2640271"   "2992390"   "3051892"   "3059156"   "3065407"   "3363148"   "3417325"   "3511077"   "3940689"   "3977468"   "4205266"   "4221652"   "4265729"   "4292588"   "4892633"   "4943361"   "5047131"   "5069772"   "5174880"   "5252178").PN. OR ("3609376"   "4378212"   "4407157"   "4546314"   "5364518"   "6377149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:32

## EAST Search History

S50	232	("3406766"   "3542014"   "3589454"   "3731752"   "3779234"   "3789841"   "3827115"   "3938502"   "4072200"   "4323848"   "4372398"   "4443762"   "4494549"   "4502010"   "4517985"   "4529939"   "4545390"   "4582061"   "4587971"   "4587972"   "4588294"   "4601284"   "4615330"   "4664121"   "4671292"   "4692864"   "4700142"   "4710708"   "4729384"   "4732156"   "4791373"   "4794931"   "4802487"   "4815470"   "4821731"   "4834102"   "4841977"   "4845434"   "4880009"   "4887605"   "4887606"   "4899757"   "4911170"   "4911172"   "4911173"   "4917097"   "4928699"   "4933640"   "4944740"   "4947852"   "4951677"   "4957112"   "4977898"   "5000185"   "5010886"   "5014008"   "5020539"   "5022399"   "5029588"   "5049130"   "5049988"   "5052404"   "5054492"   "5059851"   "5074365"   "5095911"   "5099850"   "5105818"   "5108411"   "5115810"   "5115814"   "5117831"   "5151658"   "5199437"   "5218301"   "5279309"   "5313306"   "5353354"   "5398691"   "5402801"   "5506912"   "5547455"   "5572999"   "5997473").PN. OR ("5353798"   "5589775"   "5836869"   "6248074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:32
S51	91	("2199367"   "2521745"   "2524360"   "2599687"   "2656505"   "2723374"   "3100350"   "3256480"   "3282355"   "3285350"   "3305771"   "3369174"   "3406766"   "3479581"   "3488574"   "3697864"   "3701007"   "3712391"   "3722605"   "3725777"   "3731752"   "3745446"   "3778701"   "3907045"   "3984758"   "4016942"   "4021774"   "4072200"   "4163324"   "4323848"   "4361192"   "4372398"   "4443762"   "4502010"   "4510696"   "4529939"   "4700142").PN. OR ("4791373").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:32



## EAST Search History

S52	18	("4572198"   "5218964"   "5488950").PN. OR ("5882304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:32
S53	3	magnet and rotat\$4 and time and (dependent or vary) and (posit\$4 or orienta\$4) and axis and (roll adj angle) and (S37 or S38 or S39 or S41 or S42 or S43 or S44 or S45 or S46 or S49 or S52 or S51 or S50)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 13:32
S54	9	("5258755"   "5311952"   "5419405"   "5485089"   "5589775"   "6415878").PN. OR ("6736222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 14:40